

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) ~~In an~~ An auto lift ceiling lighting system comprising:

a motor part ~~for~~ providing a lifting operation of ~~the~~ a lamp;

rotary drums ~~parts~~ formed on both side of the coaxial shaft of the motor part ;

flat cables for supplying ~~the electrical~~ power to the lamp, the flat cables ~~winded~~ wound on winding cores of the respective rotary drums ~~parts~~ respectively;

power supply parts for supplying the electrical power to the flat cables;

a body cover part ~~in which~~ housing the motor part, the rotary drums ~~parts, and~~ the power supply parts ~~are fixed~~;

a ballast for stabilizing the electricity supplied to the lamp, the ballast being installed below the body cover part; and

a ballast box in which the ballast is installed, wherein

the width of the ~~left and right~~ rotary drums is formed as wide as the width of the flat cables and the flat cables are ~~winded~~ wound stably and vertically on the winding cores ~~in the left and right of the~~ rotary drums when ~~winded~~ wound by the motor, ~~thereby not to be so as not to become twisted. twisted, wherein~~ the winding core has a passage hole formed on the inside part of the winding core and an insertion hole formed on a part of the

circumferential surface of the winding core and parallel to the central axis of the winding core, and the winding core is separated by the passage hole and the insertion hole for the flat cable to be inserted into the passage hole via the insertion hole and connected to a brush electrode.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The auto lift ceiling lighting system according to claim-4 10, wherein one side of the brush electrode is formed in the shape of a circular plane surface and the other side is formed in the shape of the male screw, the male screw connecting the brush electrode to a terminal connected to an electrical wire of the flat cable in combination with a nut, ~~which can fasten and combine together a nut and a terminal connected with the flat cable, and the said terminal~~ connecting ~~connects and fixes the~~ electrical wire of the flat cable inserted into the winding core to the brush electrode.

5. (Canceled)

6. (Currently Amended)The auto lift ceiling lighting system m according to claim 1, wherein the flat cable comprises the electrical wire ~~of the~~ in net form disposed in the center of the soft PVC flat and stainless wires for enduring the weight of the lamp in at both sides of the electrical wire.
7. (Currently Amended)The auto lift ceiling lighting system according to claim 6, wherein the flat cable is formed flatly and evenly, so that the volume of the ~~winded~~ wound flat cable is small.
8. (Currently Amended)The auto lift ceiling lighting system according to claim 7, wherein the flat cable is formed flatly and evenly, so that the volume of the ~~winded~~ wound flat cable is small.
9. (Canceled)
10. (New) An auto lift ceiling lighting system comprising:
 - a motor part providing a lifting operation of a lamp;
 - rotary drums formed on both side of the coaxial shaft of the motor part ;
 - flat cables for supplying electrical power to the lamp, the flat cables wound on winding cores of the respective rotary drums;

power supply parts for supplying the electrical power to the flat cables;

a body cover part housing the motor part, the rotary drums, and the power supply parts;

a ballast for stabilizing the electricity supplied to the lamp, the ballast being installed below the body cover part; and

a ballast box in which the ballast is installed,

the width of the rotary drums is formed as wide as the width of the flat cables and the flat cables are wound stably and vertically on the winding cores of the rotary drums when wound by the motor, so as not to become twisted,

a brush electrode connected with the flat cable, one end of the flat cable being connected with the lamp and the other end of the flat cable goes through an insertion hole to be inserted into a passage hole;

an insulator for preventing the electrical current from flowing from the brush electrode to the conductor of the left and right rotary drums;

a brush for supplying the electrical power to the brush electrode;

a brush holder for supporting the brush; and

a brush holder supporter for supporting the brush holder.

11. (New) An auto lift ceiling lighting system comprising:

a motor part providing a lifting operation of a lamp;

rotary drums formed on both side of the coaxial shaft of
the motor part ;

flat cables for supplying electrical power to the lamp,
the flat cables wound on winding cores of the respective
rotary drums;

power supply parts for supplying the electrical power to the
flat cables;

a body cover part housing the motor part, the rotary drums,
and the power supply parts;

a ballast for stabilizing the electricity supplied to the lamp,
the ballast being installed below the body cover part; and

a ballast box in which the ballast is installed,

the width of the rotary drums is formed as wide as the width of the flat cables and
the flat cables are wound stably and vertically on the winding cores of the rotary
drums when wound by the motor, so as not to become twisted, wherein the flat
cables are connected with the both ends of a lever in the ballast box, and
respectively the center of the levers is connected with the center of gravity of the
ballast box, so that the leverage of the lever absorbs the vibration of the lamp
due to the difference of the winding speed or an error of winding the flat cables,

whereby the balance of the lamp is maintained when the lamp ascends and
descends.